

8/60 WPAM - (C) Derwent

AN - 1992-346787 [42]

XA - C1992-154168

TI - Calcium sulphonate prepn. - by mixing heavy alkylbenzene sulphonic acid, quick lime, methanol and water, then neutralising

DC - E12 H07

PA - (KOCH-) KOREA INST CHEM TECH

IN - JEONG K; KIM J

NP - 1

NC - 1

PN - KR9104672 B 19910709 DW1992-42 C07C-309/28 \*

AP: 1987KR-0015469 19871230

PR - 1987KR-0015469 19871230

AB - KR9104672 B

Calcium sulphonate with good oil solubility is produced by mixing heavy alkylbenzene sulphonic acid and quick lime with methanol and water 5-15% wt. (based on heavy alkylbenzene sulphonic acid), and neutralising them at 50-60 deg.C. The heavy alkylbenzene sulphonic acid of mol.wt. about 450, is synthesised by sulphonating heavy alkylbenzene. The mole ratio of quick lime to heavy alkylbenzene is 1-2.

- Product is used as rust preventive lubricating oil for internal combustion engine